

## **TRIALATE**

Triallate is a preemergence selective herbicide marketed under the trade name of Far-go. Producers of this chemical are given in REFS as Monsanto and Terra International. Triallate is registered for use on peas, lentils, barley, wheat, triticale, and for formulation in other pesticide products. Sites with the largest volume of active ingredient applied are wheat (both spring and winter) and barley.

It should be noted that various use sites appeared in the EPA databases which are not registered use sites. In most instances the use is infrequent and/or the use volume is small. These sites are stone fruits, vegetables, roots/tubers, potatoes, corn, oats/rye, other hay, alfalfa, peanuts, soybeans, sunflowers, cotton, sugar beets, and sugarcane. The use of triallate reported on flax is relatively large compared to other unregistered sites, and is therefore given in the Quantitative Usage Analysis. No tolerances exist for these unregistered sites.

**Quantitative Usage Analysis: Triallate**  
**Analyst: Sherry Wise**

**Case #: 2695**  
**February 6, 1998**

**A.I.#: 78802**

<u>Site</u>	<u>Acres (000) Grown</u>	<u>Acres (000) Treated</u>		<u>% of Crop Treated</u>		<u>Lb ai (000) Applied</u>		<u>Average Application Rate</u>			<u>States of Most Usage</u> % of total lb ai used on this site
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ A/yr	# app /year	lb ai/ A/app	
Barley	7,505	653	1,000	9	13	710	1,088	1.1	1.0	1.1	MT ID ND WA 81%
Conservation Reserve Program Acres	34,308	3	7	0	0	7	14	2.0	1.0	2.0	ND 97%
Flax*	188	6	25	3	13	5	24	1.0	1.0	1.0	ND 87%
Lots/Farmsteads/etc	24,815	11	63	0	0	11	63	1.0	1.0	1.0	GA 100%
Peas, Dry	249	33	75	13	30	41	94	1.3	1.0	1.3	ID WA 89%
Peas, Green	386	16	47	4	12	16	47	1.0	1.0	1.0	WA OR 96%
Summer Fallow	29,040	73	175	0	1	84	196	1.2	1.0	1.1	WA MT 91%
Wheat, Spring	20,799	1,155	1,753	6	8	1,110	1,684	1.0	1.0	1.0	ND MT MN 90%
Wheat, Winter	45,854	200	283	0	1	270	541	1.3	1.1	1.2	St MT WA 84%
Total		2,150	2,789			2,255	3,003				

### **COLUMN HEADINGS**

Wtd Avg = Weighted average--the most recent years and more reliable data are weighted more heavily.

Est Max = Estimated maximum, which is estimated from available data.

Average application rates are calculated from the weighted averages.

### **NOTES ON TABLE DATA**

Usage data primarily covers 1987 - 1996.

Calculations of the above numbers may not appear to agree because they are displayed as rounded.

to the nearest 1000 for acres treated or lb. a.i. (Therefore 0 = < 500)

to the nearest whole percentage point for % of crop treated. (Therefore 0% = < 0.5%)

\*Flax is not a registered site for triallate, but appears as used on this site in EPA databases.

Other sites which are not registered, but for which use is reported are stone fruits, vegetables, roots/tubers, potatoes, corn, oats/rye, other hay, alfalfa, peanuts, soybeans, sunflowers, cotton, sugar beets, and sugarcane. Note that no tolerances exist for these unregistered sites.

SOURCES: EPA data (1987-1996), USDA/NASS (1990-1996), California (1993-1995) and National Center for Food and Agricultural Policy (1992).